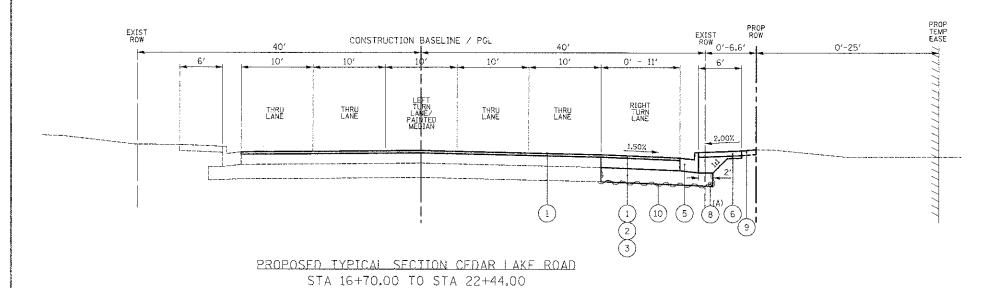


PROPOSED TYPICAL SECTION WASHINGTON STREET STA 200+00.00 TO STA 5+35.00

(A) UNDER DRAINS AT THE OUTSIDE EDGE OF THE PAVEMENT DRAIN THE AGGREGATE SUBGRADE WITH TRANSVERSE UNDERDRAINS INSTALLED APPROXIMATELY EVERY 300 ft TO 500 ft, AT THE LOW POINTS OF THE PROFILE, AND AT ANY UNDERCUTS DETERMINED IN THE FIELD.



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REVISED

REVISED

REVISED

REVISED

DESIGNED - PK

DRAWN - JRR

CHECKED - RTM

DATE - 12/17/2012

450 E Devon Ave, Suite 300

Itasca, Illinois 60143

CIVILTECH Tel: 630.773.3900 Fex: 630.773.3975 www.civiltechinc.com

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

SHEET NO. 2 OF 3 SHEETS

NO SCALE

SECTION 05-00121-07-WR CONTRACT NO. 63765

PROPOSED LEGEND

- PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2-1/4" (2) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8-1/4" (3) (4) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12" PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE 8-6.12 $\bar{(5)}$ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 PROPOSED PCC SIDEWALK, 5 INCH WITH AGGREGATE BASE COURSE, TYPE A (4 INCH MIN.)
- PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50, 3" AND AGGREGATE BASE COURSE, TYPE A (6 INCH MIN.) PROPOSED PIPE UNDERDRAINS, 4" (MODIFIED)
- PROPOSED TOPSOIL, FURNISH AND PLACE, 4" AND SODDING
- PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 9 (10) (11) PROPOSED REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND PROPOSED AGGREGATE SUBGRADE IMPROVEMENT
- PROPOSED AGGREGATE SHOULDERS TYPE A 6 INCH

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS
	@ Ndes
FULL DEPTH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2-1/4" (IN 1 LIFT)	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70; 8-1/4" (IN 2 LIFTS) (WASHINGTON ST. AND CEDAR LAKE RD.)	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 6-1/4" (IN 2 LIFTS) (DOROTHY LN., MIDLAND DR. AND CEDAR CREST CT.)	4% @ 70 Gyr.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2-1/4" (IN 1 LIFT)	4% @ 70 Gyr.
BIKE PATH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3" (IN 1 LIFT)	4% @ 50 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "O", N50 (iL 9.5 mm); 2-1/2" (IN 1 LIFT)	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS.